

### REMARKS

Claims 8-18 are pending in the application. These claims and sections of the application were rejected as follows:

Claims / Section	35 U.S.C. Sec.	References / Notes
Drawings	Objection	<ul style="list-style-type: none"><li>• Not showing every feature; and</li><li>• Selected figures not designated as "prior art".</li></ul>
Specification	Objection	<ul style="list-style-type: none"><li>• Lack of antecedent basis for filter size</li></ul>
8, 10-13, & 15-18	Objection	<ul style="list-style-type: none"><li>• Various informalities</li></ul>
12 & 14-18	§112, second paragraph	<ul style="list-style-type: none"><li>• Indefinite terms</li></ul>
8-10, 12 & 13	§103(a) Obviousness	<ul style="list-style-type: none"><li>• Taniguchi et al. (U.S. Patent No. 6,150,904); and</li><li>• Ushiroku, et al.(U.S. Patent No. 6,137,380).</li></ul>

5            Claims 11 and 14-18 were indicated as containing allowable subject matter if rewritten to overcome the objections and §112 rejections.

Applicant has amended claims 8 and 13-18 to overcome the objections and rejections cited by the Examiner, and has cancelled claims 10-12. New claim 8 reflects the combination of old claim 8 and old claim 11.

10            Amendments to the Specification have also been provided. Applicant notes that claims 15-18 and paragraph [0034] of the Specification were originally erroneously amended to define a method of operating the SAW filter—this should have correctly read as a method for manufacturing the SAW filter. Support for this as a manufacturing method can be found in the originally filed

15    Specification at page 6, line 25 to page 7, line 5 ("...it is possible to produce a

SAW filter that comprises...”). This is further supported by the fact that the static capacity of a resonator cannot be increased during operation, but is instead a characteristic of the resonator structure that is not alterable after the manufacture of the resonator. The variations thus described relate to the tailoring of the features and parameters of the inventive SAW filter at the time of manufacture.

Applicant thanks the Examiner for the careful consideration given to this application.

#### **OBJECTIONS TO THE DRAWINGS**

1. *Applicant has cancelled claim 10 in the present application, thereby rendering the first drawing objection moot.*

Claim 10, which served as the basis for the drawing objection in paragraph 1 of the OA has been cancelled. The objection has been rendered moot by this cancellation.

2. *The legend “prior art” has been added to Figures 1-11B.*

Figures 1-11B have been amended to include the legend “prior art”. The amended drawings have been attached to the appendix of this response.

Since all of the drawing objection issues raised by the Examiner have been addressed by the amendments, Applicant respectfully requests that the objections to the drawings be withdrawn from the present application.

#### **OBJECTION TO THE SPECIFICATION**

3. *Applicant has added the text suggested by the Examiner in the Specification to provide proper antecedent basis for claim 14.*

Applicant has added the language disclosed by originally filed claim 9 (added claim 14) to the Specification to provide proper antecedent basis as requested by the Examiner.

Since all of the specification objection issues raised by the Examiner have  
5 been addressed by the amendment, Applicant respectfully requests that the objection to the specification be withdrawn from the present application.

#### **OBJECTION TO THE CLAIMS**

*4. Applicant has amended and cancelled claims that address the Examiner's concerns.*

10 The Examiners concerns forming the bases for objection have been addressed by the amendments and/or cancellation of claims in the application. The language "configured to be" in claim 8 (and respective claim 13) has been amended to indicate that the electrical connection has a structure that permits the ground sides as being connectable before bonding to a housing that contains  
15 the filter. The lowercase "saw" has been corrected to uppercase so that it properly reflects the acronym "SAW".

Claims 10 and 12 have been cancelled from the current application. The limitations of claim 11 have been added to claim 8, and the language suggested by the Examiner has been incorporated into this added portion of claim 8.

20 Changing of the word "identical" to "constant" has been implemented in claims 15, 16 and 18, and problems with antecedence noted by the Examiner have been corrected as suggested.

Since all of the claim objection issues raised by the Examiner have been addressed by the amendment, Applicant respectfully requests that the objection to the specification be withdrawn from the present application. In the event that any of these changes are regarded by the Examiner as not properly addressing  
5 the issues raised, the Examiner is invited to contact the Applicant's representative who welcomes suggestions as to language that may be more appropriate.

**35 U.S.C. §112, SECOND PARAGRAPH INDEFINITNESS OF CLAIMS 12 AND 14-18**

5. *Applicant has cancelled claim 12 and has amended claim 14 to provide  
10 definiteness to claim 14. Reference to claim 8 in method claims 15-18 has been removed.*

Applicant has cancelled claim 12 in the application, thereby rendering the Examiners rejection moot for this claim. Claim 14 has been amended to clarify that the size relates to the total filter including housing and filter. Claims 15-18  
15 have been amended to remove the limitation relating to the device of claim 8, and to clarify the these claims are directed to a method of manufacture, as opposed to a method for operation. Antecedent basis corrections have been instituted to reflect the amended changes.

**35 U.S.C. §103(a), CLAIMS 8-10, 12 AND 13 OBVIOUSNESS OVER TANIGUCHI IN VIEW  
20 OF USHIROKU**

6. *Applicant has added the limitation of claim 11, which the Examiner indicated was allowable, into claim 8 and has cancelled claims 10-12 in order to overcome the rejection of the Examiner.*


Applicant has amended claim 8 to include the limitation in claim 11 that the Examiner indicated would be allowable. Since all of the claims rejected under 35 U.S.C. §103 either now depend from amended claim 8 or have been cancelled, no further claims exist in the application for which the art rejections  
5 are relevant.

For this reason, the Applicant asserts that the amended claim language clearly distinguishes over the prior art, and respectfully request that the Examiner withdraw the §103(a) rejection from the present application.

#### CONCLUSION

10 Inasmuch as each of the objections have been overcome by the amendments, and all of the Examiner's suggestions and requirements have been satisfied, it is respectfully requested that the present application be reconsidered, the rejections be withdrawn and that a timely Notice of Allowance be issued in this case.

15 Respectfully submitted,

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**APPENDIX**  
**DRAWING AMENDMENTS**

Approved  
9/21/03  
[Signature]  
#8  
7/2/03  
jwn



FIG 1 (PRIOR ART)

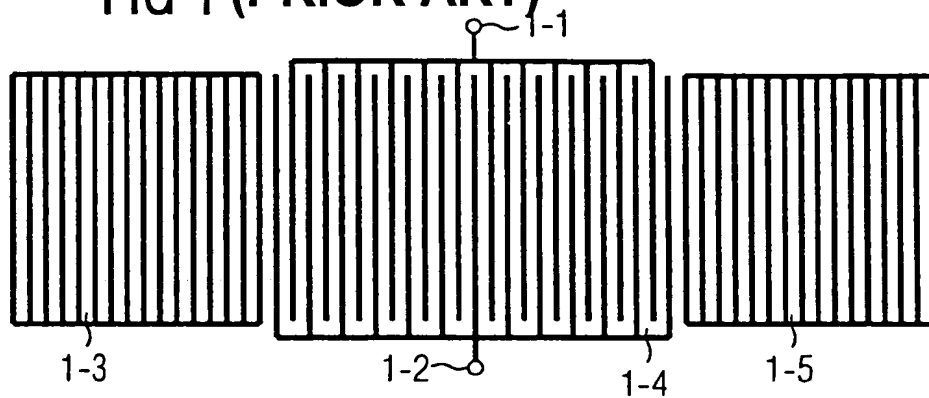


FIG 2 (PRIOR ART)

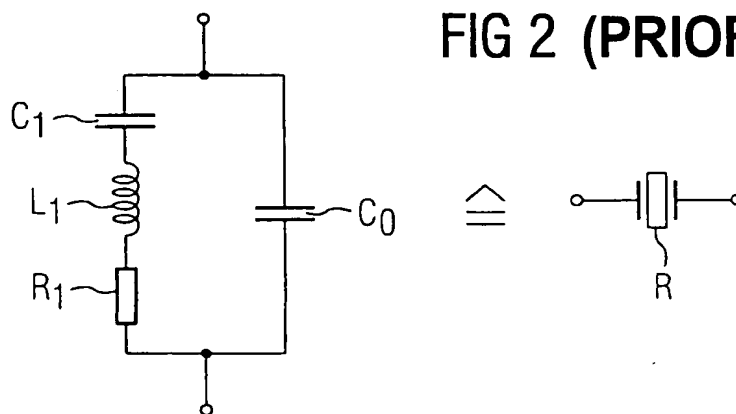


FIG 3  
(PRIOR ART)

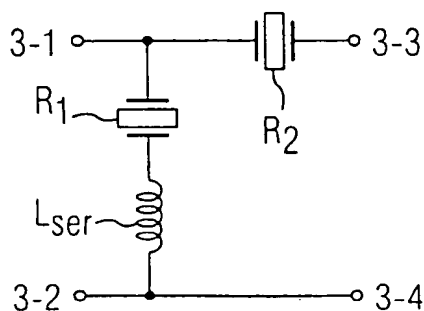




FIG 4 (PRIOR ART)

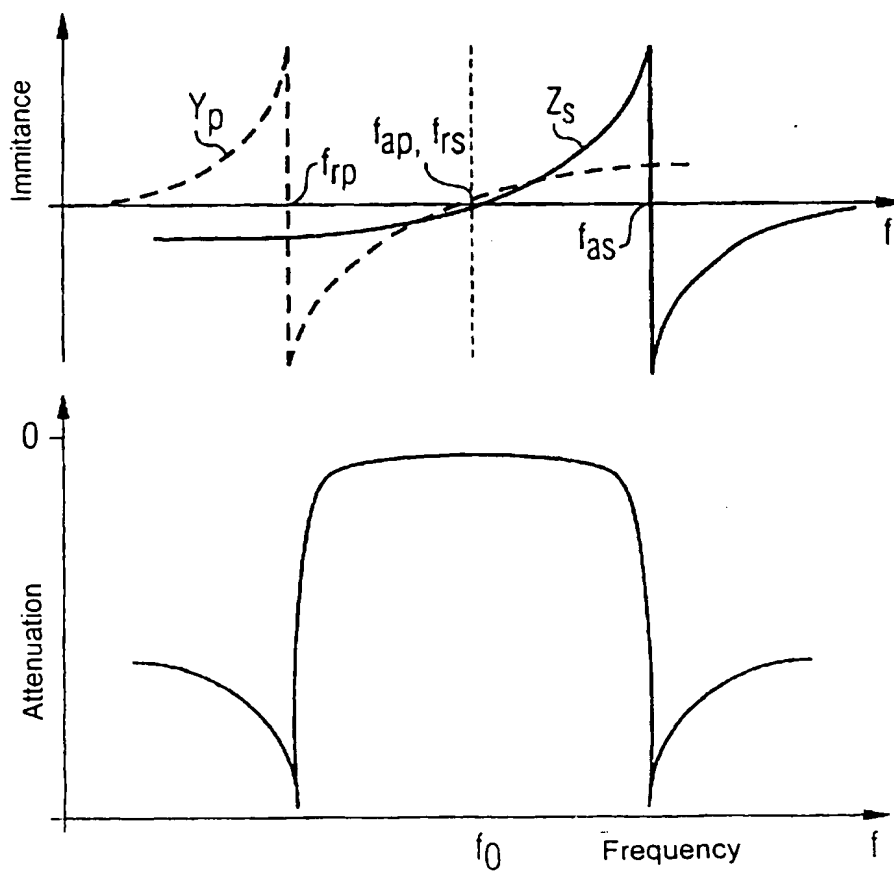


FIG 5 (PRIOR ART)

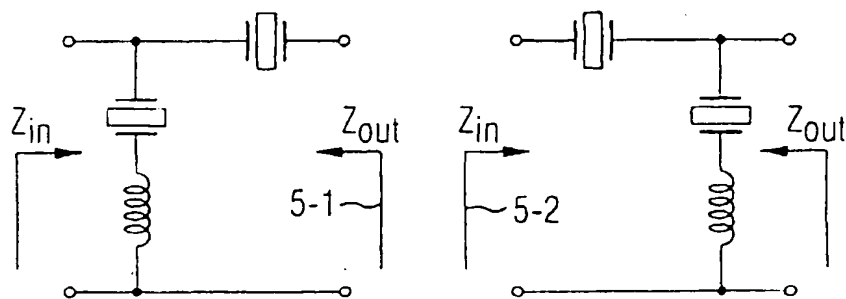






FIG 6 (PRIOR ART)

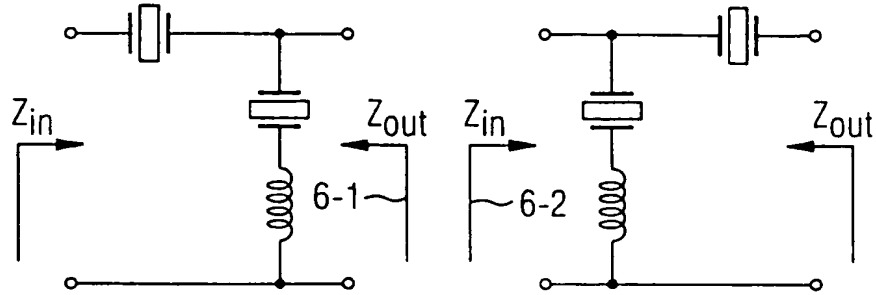


FIG 7  
(PRIOR ART)

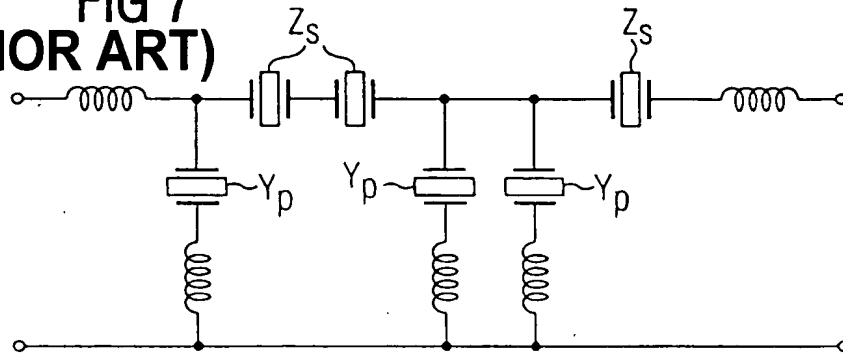


FIG 8  
(PRIOR ART)

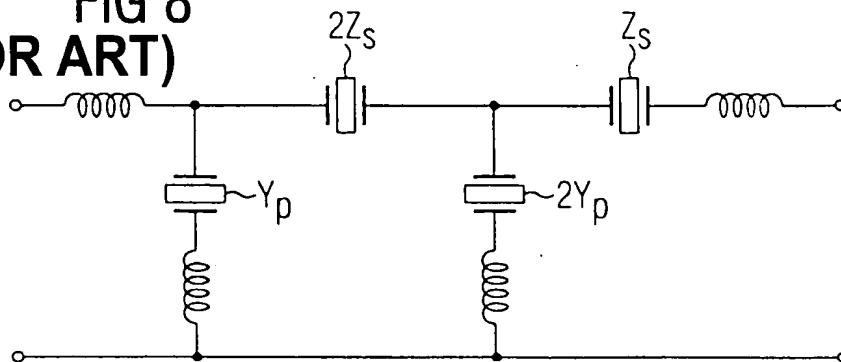




FIG 9 (PRIOR ART)

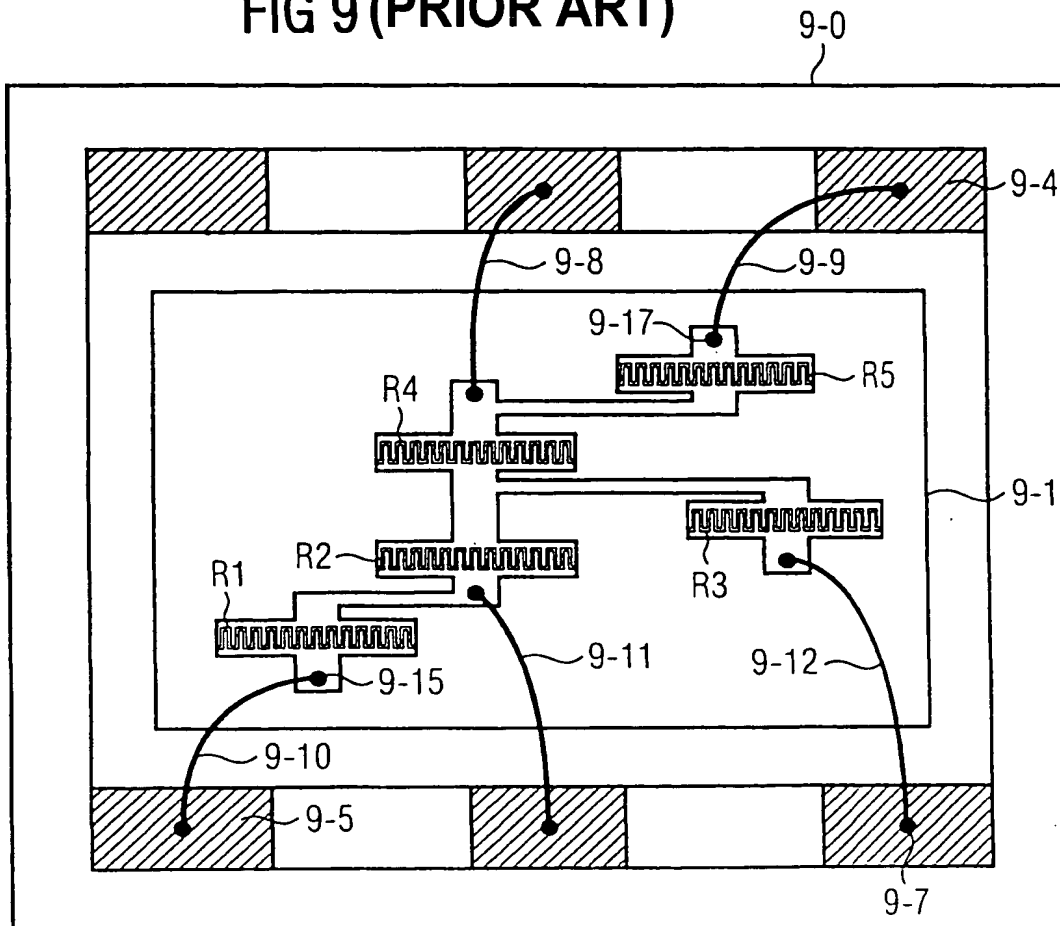
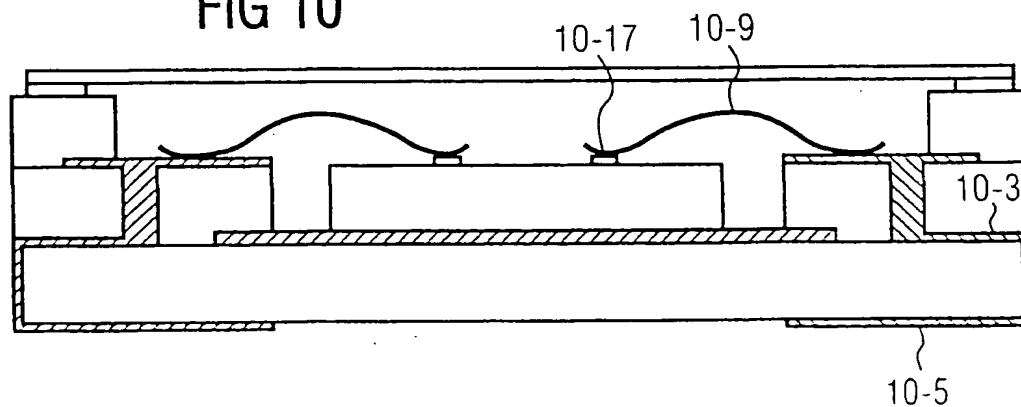
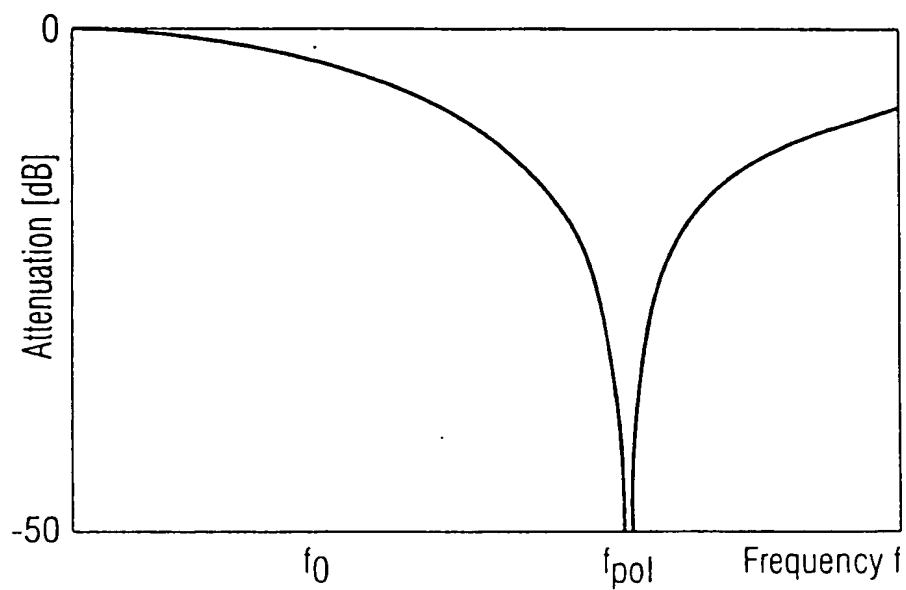


FIG 10 (PRIOR ART)





**FIG 11A (PRIOR ART)**



**FIG 11B  
(PRIOR ART)**

